

SHASHANK KUMAR

Birla Institute of Technology Mesra

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Education

Birla Institute of Technology Mesra, Ranchi

Nov 2020 - May 2024

Bachelor of Technology in Electronics & Communication Engineering

CGPA: 8.51/10

Delhi Public School, Bokaro

Jun 2017 - May 2019

Intermediate in PCM

Per: 91.8%

Dhanbad Public School, Dhanbad

Jun 2017

10th CBSE

Per: 95%

Experience

CYBORGINTELL Pvt. Ltd.

Feb 2024 - July 2024

Software Development Intern

Bangalore, India

- Developed a comprehensive **Risk Analysis Dashboard** for the banking and insurance sectors. This tool integrates data from multiple sources to provide a unified view of risk metrics, enhancing decision-making and compliance for clients.
- Offered advanced **data visualization tools** for interpreting complex risk data through **charts** and **graphs**. Leveraged **machine learning algorithms** to predict potential risk scenarios, aiding in the forecasting of future risk trends and the preparation of proactive risk mitigation strategies.
- Utilized the **MERN** tech stack (MongoDB, Express.js, React, Node.js) with **Material UI** and **Syncfusion** for various UI components, **Recharts** for charting, and **Tailwind CSS** for styling; employed **Express.js** to create **RESTful APIs** and fetched data using **Axios**.
- Gained experience with **Docker** for enhancing deployment, **Kubernetes** for managing containers, and implemented token authorization using **SOAP services** for a client.

Technical Skills

Analytical and Problem Solving, DBMS, OOPS, Computer Networks and Operating System.

Languages: C, C++, Python, Javascript, SQL

Developer Tools: VS code, Xampp, MS Excel, Docker Desktop, MobaXterm, MongoDB Compass, Postman, Azure Virtual Machines, MySQL

Technologies/Framework: ReactJs, NodeJs, ExpressJs, Mongoose, Bootstrap, Flask, GitHub, Git, Linux, Docker, Kubernetes, Jenkins

Achievements

- * Have solved more than **800 DSA** problems across various coding platforms.
- * Awarded for participating in the **Flipkart Coding Challenge** 🏆 demonstrating coding proficiency and problem-solving skills
- * Codechef May Lunchtime - Secured a Global Rank **1545**
- * Codechef Starters 53 - Secured a Global Rank **2876**
- * Secured a **scholarship** for scoring highest GPA in first year
- * Completed '**30 days of Google Cloud**' and earned **11 skill badges** of this challenge..

Projects

GoFood | *Food Delivery Website* | 🏆

May 2023 - June 2023

- * Created a food delivery application with a **Responsive** design using the **MERN** (MongoDB, Express, React, Node.js) stack, allowing users to place orders from a wide selection of restaurants.
- * Implemented intuitive frontend features using **React** for user registration and login, search filter, cart management, order placement and order history
- * Implemented **RESTful APIs** using **Express.js** to handle user registration, order placement and optimized **MongoDB database** schema for storing user profiles, food items and order details, ensuring data integrity and smooth retrieval
- * Deployed the application on **Vercel**, ensuring high availability and scalability, and optimizing load times for users

Golds Gym | *Fitness Website* | 🏆

- * Developed a **Responsive fitness** application leveraging **React** and **Material-UI**, aimed at providing users with workout exercises to train various types of body muscles.
- * Integrated **Rapid API** to fetch real-time fitness data, enhancing the app's functionality and data accuracy
- * Utilized **Vercel** for deployment of the application, ensuring rapid loading times and high availability for users

Leadership / Extracurricular

- * Volunteer at **NSS blood donation camps**, assist donors, ensure safety, and promote lifesaving blood donations.
- * **Core Member** and **Coverage Lead** of **Photographic Society of BIT Mesra**, organized various workshops and events.